OMB No. 0651-0011

INFORMATION DISCLOSURE CITATION (Use neveral sheets if necessary)

atty. Docket	0349	95.0111-11000	1 2000 C	Serial No.	09/49	2,697 		
No. Applicant	 Dujo	on et al.				1/2/		
Filing Date	Jan	uary 27, 2000	HK OFFIS	Group	1651	1636		
		U	S. PATENT [OCUMENTS				
Examiner Initial*		Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate	
				T DOCUMENTS		<u></u>		
		FOF	REIGN PATEN	T DOCUMENTS		Sub	Translation	
	\top	Document Number	Date	Country	Class	Class	Yes or No	
	++	WO 96 04397	2/15/96	PCT				
44	++	VVO 96 04397					<u> </u>	
		OTHER DOCUMENTS (I		or Title, Date, Per	tinent Page	s, Etc.)		
. Si		pp. 521-533. Colleaux et al., "Recognition and Cleavage Site of the Intron-Encoded Omega Transposase", PROC. NATL. ACAD. SCI. USA, Vol. 85, 1988, pp. 6022-6026. Colleaux et al., "The Apocytochrome b Gene of Chlamydomonas smithii Contains a Mobile Intron Colleaux et al., "The Apocytochrome b Gene of Chlamydomonas smithii Contains a Mobile Intron Related to Both Saccharomyces and Neurospora Introns, MOL. GEN. GENET., Vol. 223, 1990, pp. 288-296. Colleaux et al., "Rapid Mapping of YAC Inserts, " HUMAN MOL. GENET., Vol. 2(3), 1993,						
			Rapid Mapping of YAC inserts, <u>required</u> quence of the Intron and Flanking Exons of the Mitochondrial 21s rRNA Gene of the Different Alleles at the ω and rib-1 Loci, CELL, Vol. 20, 1980, pp. 185-187.					
5	i	1 Veset Strains Having I					1980, pp. 185-187	
A LAL MITC		T . ALL MITOCH	MITOCHONDRIA, 1983, Walter de Gruyter & Co., pp. 389-403.					
Dujon et al., "In A		Dujon et al., "In Achie	n Achievements and Perspective of Mitochrondrial Research , Bioochteore, 1985, pp. 215-225.					
	<u>-</u>	Dujon et al., "In Extrachromosomal Elements in Lower Eukaryotes", Plenum Publishing						
5	Dujon B. et al., "Group I Introns as Mobile Genetic Elements: Facts and Mechanistic Speculations - A Review", GENE, Vol. 82, 1989, pp. 91-114.							
	Dujon et al., "Mobile Introns: Definition of Terms and Recommended Nomenclature," GENI Vol. 82, 1989, pp. 115-118. Dujon et al., "Mobile Introns," Abstract presented at EMBO Workshop, Roscoff, France,							
1	•				علميات فقيصم	an Dacac	M France	



ty. Docket	03495.0111-11000	OIPE	Serial No. 09/492,697				
oplicant	Dujon et al.	APR 2 4 2000 %	1054 //2/				
ling Date	January 27, 2000		Group 1651 (636				
Sa	Species and Sec	Jacquier et al., "The Introduction Mitochrondrial 21s rRNA Gene: Distribution in Different Teast Species and Sequence Comparison Between Kluyveromyces thermotolerans and					
Se	l listana into O B	Jacquier et al., "An Intron-Encoded Protein is Active in a Gene Conversion Process that opicides a Mitochrondrial Gene, CELL, Vol. 41, 1985, pp. 383-394.					
	Michel et al., " C	Michel et al., "Comparision of Fungal Mitochrondiral Introns Reveals Extensive Homologies in Michel et al., "Comparision of Fungal Mitochrondiral Introns Reveals Extensive Homologies in Michel et al., "Comparision of Fungal Mitochrondiral Introns Reveals Extensive Homologies in Michel et al., "Comparision of Fungal Mitochrondiral Introns Reveals Extensive Homologies in Michel et al., "Comparision of Fungal Mitochrondiral Introns Reveals Extensive Homologies in Michel et al., "Comparision of Fungal Mitochrondiral Introns Reveals Extensive Homologies in Michel et al., "Comparision of Fungal Mitochrondiral Introns Reveals Extensive Homologies in Michel et al., "Comparision of Fungal Mitochrondiral Introns Reveals Extensive Homologies in Michel et al., "Comparision of Fungal Mitochrondiral Introns Reveals Extensive Homologies in Michel et al., "Comparision of Fungal Mitochrondiral Introns Reveals Extensive Homologies in Michel et al., "Comparision of Fungal Mitochrondiral Introns Reveals Extensive Homologies in Michel et al., "Comparision of Fungal Mitochrondiral Introns Reveals Extensive Homologies in Michel et al., "Comparision of Fungal Mitochrondiral Introns Reveals Extensive Homologies in Michel et al., "Comparision of Fungal Mitochrondiral Introns Reveals Extensive Homologies in Michel et al., "Comparision of Fungal Mitochrondiral Introns Reveals Extensive Homologies in Michel et al., "Comparision of Fungal Mitochrondiral Introns Reveals Extensive Homologies in Michel et al., "Comparision of Fungal Mitochrondiral Introns Reveals Extensive Homologies in Mitochrondiral Introns Reveals Extensive Homologies Introns Reveals Extensive Ho					
Sk Sk	Michel et al., "Co Mitochrondrial-,	Michel et al., "Conservation of RNA Secondary Structure in Two Intron Families michaling Michel et al., "Conservation of RNA Secondary Structure in Two Intron Families michaling Michel et al., "Conservation of RNA Secondary Structure in Two Intron Families michaling Michel et al., "Conservation of RNA Secondary Structure in Two Intron Families michaling Michel et al., "Conservation of RNA Secondary Structure in Two Intron Families michaling Michel et al., "Conservation of RNA Secondary Structure in Two Intron Families michaling Michel et al., "Conservation of RNA Secondary Structure in Two Intron Families michaling Michel et al., "Conservation of RNA Secondary Structure in Two Intron Families michaling Michel et al., "Conservation of RNA Secondary Structure in Two Intron Families michaling Michel et al., "Conservation of RNA Secondary Structure in Two Intron Families michaling Michel et al., "Conservation of RNA Secondary Structure in Two Intron Families michaling Michel et al., "Conservation of RNA Secondary Structure in Two Intron Families michaling Michel et al., "Conservation of RNA Secondary Structure in Two Intron Families michaling Michel et al., "Conservation of RNA Secondary Structure in Two Intron Families michaling Michel et al., "Conservation of RNA Secondary Structure in Two Intron Families michaling Michel et al., "Conservation of RNA Secondary Structure in Two Intron Families michaling Michel et al., "Conservation of RNA Secondary Structure in Two Introduction of RNA Secondary Structure in					
SE	Michel et al., "G	Michel et al., "Genetic Exchanges Between Bacteriophage T4 and Filamentous Fungi?", CELL,					
Sk	Highly Specific	Monteilhet et al., "Purification and Characterization of the <i>in vitro</i> Activity of <i>I-Sce</i> I, a Novel and Highly Specific Endonuclease Encoded by a Group 1 Intron, NUCLEIC ACIDS RESEARCH, Vol. 18(6), 1990, pp. 1407-1413.					
Se	Muscarella et a	Muscarella et al., "A Mobile Group I Intron in the Nuclear rDNA of Physarum Polycephalum,					
Sa	I - I	Plessis et al., "Site-Specific Recombination by <i>I-Sce</i> I: A Mitochrondrial Group I Intron-Encoded Endonuclease Expressed in the Yeast Nucleus, <u>GENETICS</u> , Vol. 130(3), 1992, pp. 451-460.					
Se	Rudin et al., "E by Recombina	Rudin et al., "Efficient Repart of HO-Induced Chromosomal Breaks in Sacchardinges of Volume By Recombination Between Flanking Homologous Sequences," MOL. CELL BIOL., Vol. 8, 2010, 2028					
Su		Tartot et al., "Gene: New Cloning Vectors and Techniques," GENE, Vol. 67, 1966, pp. 103					
Gr.		Thierry et al., "Cleavage of Yeast and Bacteriophage T7 Genomes at a Single Site Using the Rare Cutter Endonuclease <i>I-Sce</i> I, NUCLEIC ACID RESEARCH, Vol. 19(1), 1991, pp. 189-190					
Examiner			Date Considered 5'/5'/09				
*Examiner:	Initial if reference or through citation if no communication to a	of ill collionnance as	or not citation is in conformance with MPEP 609; draw line and not considered. Include copy of this form with next				
	449		Patent and Trademark Office - U.S. Department of Commerce				

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)

tty. Docket No.	034	95.0111-11000	PEYC	Serial No.	09/492,	697 		
pplicant	Duj	Uli et al.	2 4 2000			1636		
iling Date	Jan	uary 27, 2000	HADENART	Group	1031	1020		
		U.S	. PATENT D	OCUMENTS		Sub	Filing Date	
inor Initial*		Document Number	Date	Name	Class	Class	If Appropriate	
Examiner Initial*			IGN PATEN	T DOCUMENTS				
	Π	Document Number	Date	Country	Class	Sub Class	Translation Yes or No	
		TO DOCUMENTS (Inc	Juding Auth	or, Title, Date, Perti	inent Pages	, Etc.)		
	1	THER DOCUMENTO (III	ransgenesis.	Proc. Natl. Acad. S	ci., USA, 93:	17, pp. 88	304-8804, Aug. 20,	
Se		Jasin, et al., "Targeted Transgenesis," Proc. Natl. Acad. Sci., USA, 93:17, pp. 8804-8804, Aug. 20, 1996.						
Su		Rouet, et al., "Introduction of Double-Strand Breaks into the Genome of Mouse Cells by Expression of a Rare-Cutting Endonuclease," Molecular and Cellular Biology, pp. 8096-8106, Dec. 1994.						
Su		Rouet et al., "Expression of a Site-Specific Endonuclease Stimulates Homologous Recombination." Rouet et al., "Expression of a Site-Specific Endonuclease Stimulates Homologous Recombination." Rouet et al., "Expression of a Site-Specific Endonuclease Stimulates Homologous Recombination." Rouet et al., "Expression of a Site-Specific Endonuclease Stimulates Homologous Recombination."						
Su		Lukasovich, et al. "Repair of a Specific Double-Strand Break Generated within a Marintalian Chromosome by Yeast Endonuclease 1-Sce1," Nucleic Acids Research, 22:25, pp. 5649-						
Se		Smith, et al., "Double-Strand Breaks at the Target Locus Stimulate Gene Targeting in Embryonic Strand Breaks at the Target Locus Stimulate Gene Targeting in Embryonic Smith, et al., "Double-Strand Breaks at the Target Locus Stimulate Gene Targeting in Embryonic Smith, et al., "Double-Strand Breaks at the Target Locus Stimulate Gene Targeting in Embryonic Smith, et al., "Double-Strand Breaks at the Target Locus Stimulate Gene Targeting in Embryonic Smith, et al., "Double-Strand Breaks at the Target Locus Stimulate Gene Targeting in Embryonic Smith, et al., "Double-Strand Breaks at the Target Locus Stimulate Gene Targeting in Embryonic Smith, et al., "Double-Strand Breaks at the Target Locus Stimulate Gene Targeting in Embryonic Smith, et al., "Double-Strand Breaks at the Target Locus Stimulate Gene Targeting in Embryonic Smith, et al., "Double-Strand Breaks at the Target Locus Stimulate Gene Targeting in Embryonic Smith, et al., "Double-Strand Breaks at the Target Locus Stimulate Gene Targeting in Embryonic Smith Smit						
Se		Moynahan, et al., "A Model for Testing Recombinogenic Sequences in the Mouse Germine," Melecular Genetics, 5:7, pp. 875-886, 1996.						
8		Jasin, "Genetic Manipulation of Genomes with Rare-Cutting Endonucleases," Trends in Genetics, 12:6, pp. 224-228, June 1996.						
	Ct. Wall B L Theriogeneology 45:57-668, 1996.				Links France			
Se		Viville, et al, in Transgenic Animals, Houdebine (eds.), Harwood Academic Publishers, France, pp. 307-321, 1997.						
Se		Kappel et al., Current Opinion in Biotechnology, 3:358-353, 1992.						

Examiner *Examiner:	Initial if reference considered, whether if not in conformance and n	ther or not citation is in conformance with MPEP 609; draw line through not considered. Include copy of this form with next communication to				
Form PTO 14	applicant.	Patent and Trademark Office - U.S. Department of Commerce				